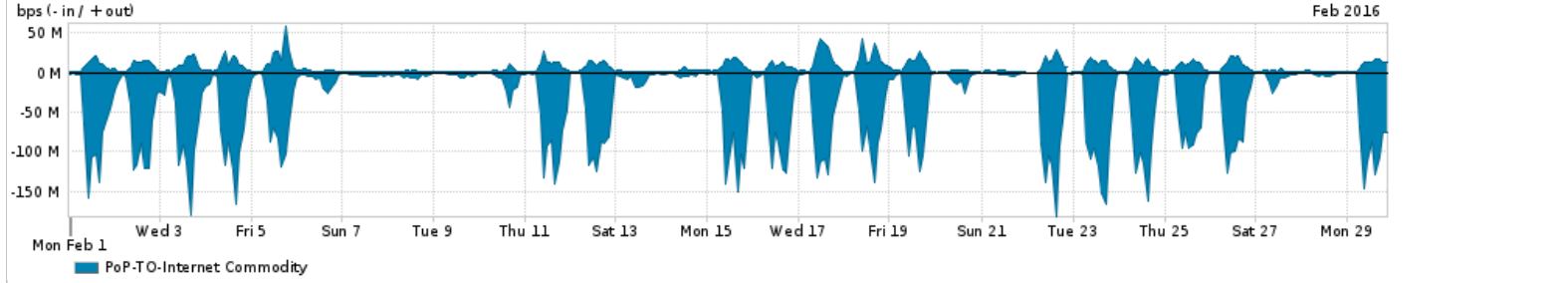


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

- Legenda:
- PoP - Ponto de presença da RNP
 - Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 - Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 - Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
 - ASN - Número do sistema autônomo
 - Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

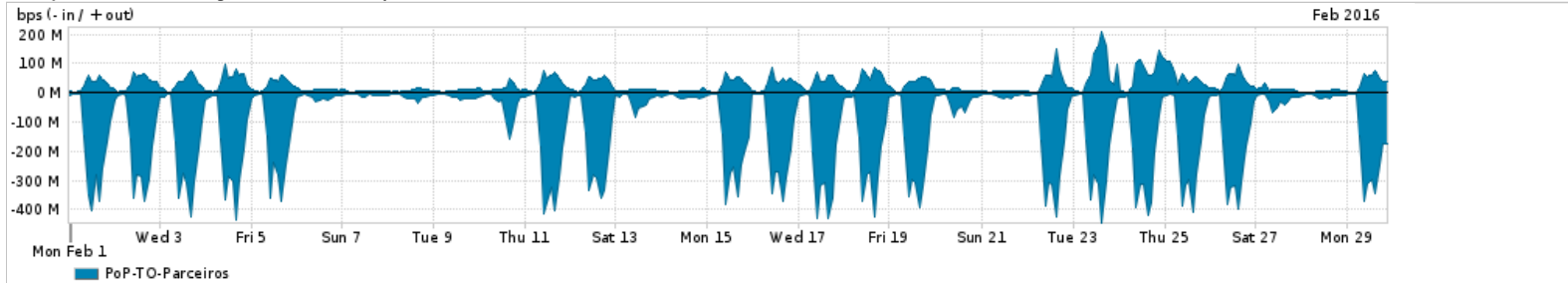
Utilização do serviço de Internet Commodity pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	Internet Commodity	38.78 Mbps	6.68 Mbps	45.45 Mbps

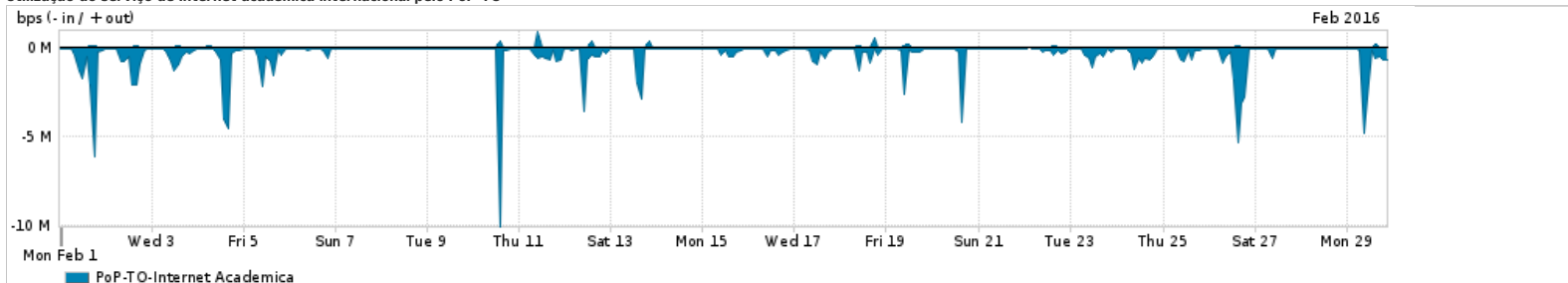
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	Parceiros	117.39 Mbps	28.14 Mbps	145.53 Mbps

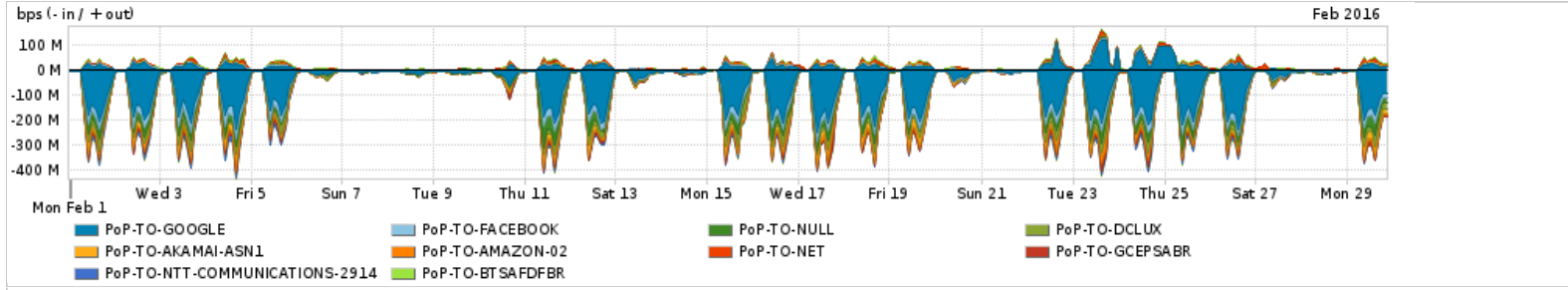
Utilização do serviço de Internet acadêmica internacional pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	Internet Academica	351.83 Kbps	27.30 Kbps	379.13 Kbps

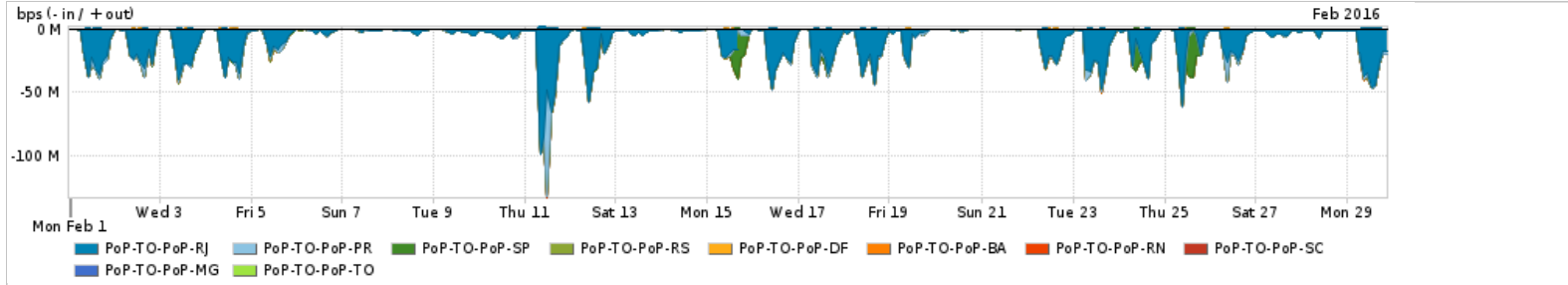
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	GOOGLE	15169	59.38 Mbps	10.64 Mbps	70.01 Mbps
<input type="checkbox"/>	PoP-TO	FACEBOOK	32934	10.77 Mbps	1.30 Mbps	12.07 Mbps
<input type="checkbox"/>	PoP-TO	NULL	0	10.96 Mbps	276.68 Kbps	11.24 Mbps
<input type="checkbox"/>	PoP-TO	DCLUX	24611	7.89 Mbps	410.97 Kbps	8.30 Mbps
<input type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	7.92 Mbps	383.27 Kbps	8.30 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	4.21 Mbps	1.12 Mbps	5.34 Mbps
<input type="checkbox"/>	PoP-TO	NET	28573	1.25 Mbps	2.85 Mbps	4.10 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSABR	28604	3.63 Mbps	234.65 Kbps	3.86 Mbps
<input type="checkbox"/>	PoP-TO	NTT-COMMUNICATIONS-2914	2914	3.30 Mbps	62.60 Kbps	3.37 Mbps
<input type="checkbox"/>	PoP-TO	BTSAFDFBR	8167	564.83 Kbps	2.05 Mbps	2.62 Mbps

Interesse de tráfego do PoP-TO com os outros PoPs da RNP

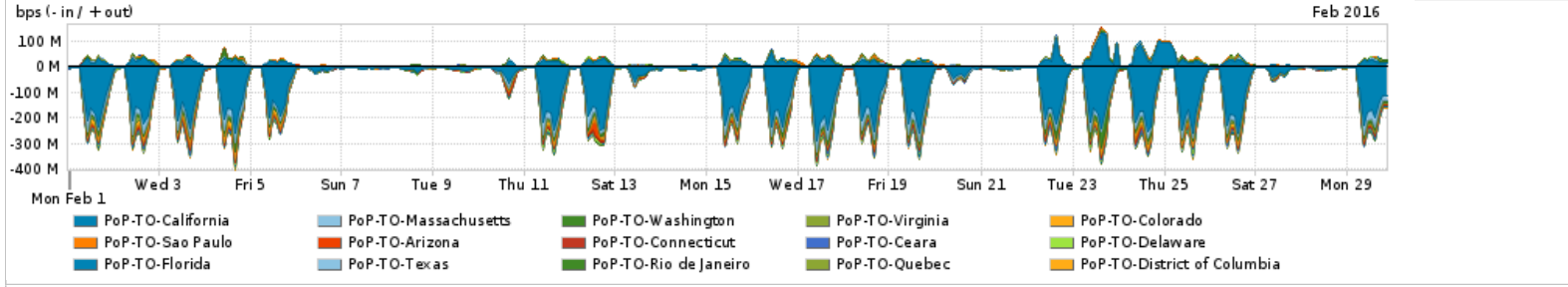


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	PoP-RJ	9.60 Mbps	249.97 Kbps	9.85 Mbps
<input type="checkbox"/>	PoP-TO	PoP-PR	977.87 Kbps	0.00 bps	977.87 Kbps
<input type="checkbox"/>	PoP-TO	PoP-SP	624.95 Kbps	21.86 Kbps	646.81 Kbps
<input type="checkbox"/>	PoP-TO	PoP-RS	48.75 Kbps	0.00 bps	48.75 Kbps
<input type="checkbox"/>	PoP-TO	PoP-DF	0.00 bps	38.18 Kbps	38.18 Kbps
<input type="checkbox"/>	PoP-TO	PoP-BA	10.01 Kbps	0.00 bps	10.01 Kbps
<input type="checkbox"/>	PoP-TO	PoP-RN	3.47 Kbps	0.00 bps	3.47 Kbps
<input type="checkbox"/>	PoP-TO	PoP-SC	1.04 Kbps	0.00 bps	1.04 Kbps
<input type="checkbox"/>	PoP-TO	PoP-MG	35.00 bps	0.00 bps	35.00 bps

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-TO	PoP-TO	1.00 bps	1.00 bps
				2.00 bps

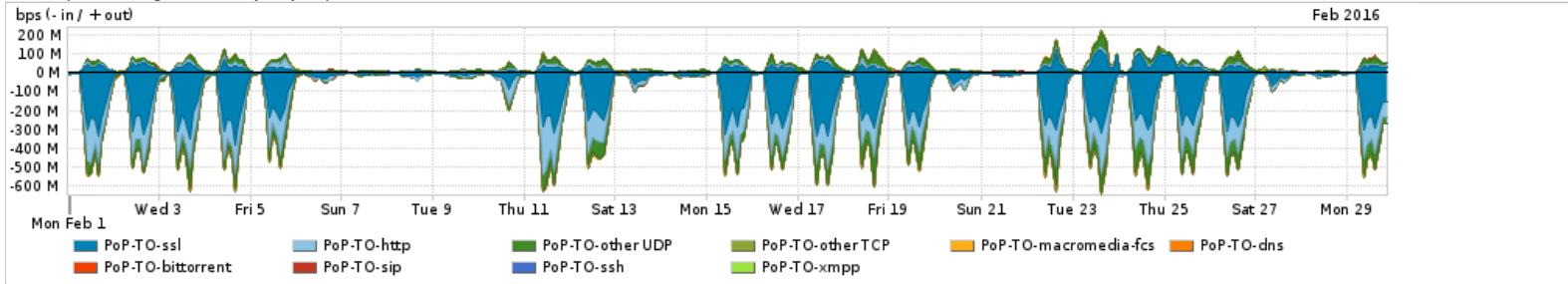
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	California	67.52 Mbps	11.91 Mbps	79.43 Mbps
<input type="checkbox"/>	PoP-TO	Massachusetts	9.23 Mbps	466.38 Kbps	9.69 Mbps
<input type="checkbox"/>	PoP-TO	Washington	4.63 Mbps	908.63 Kbps	5.54 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	2.26 Mbps	1.25 Mbps	3.50 Mbps
<input type="checkbox"/>	PoP-TO	Colorado	3.18 Mbps	61.16 Kbps	3.24 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	1.48 Mbps	1.13 Mbps	2.61 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	2.40 Mbps	84.78 Kbps	2.49 Mbps
<input type="checkbox"/>	PoP-TO	Connecticut	1.81 Mbps	33.96 Kbps	1.84 Mbps
<input type="checkbox"/>	PoP-TO	Ceara	1.66 Mbps	90.20 Kbps	1.75 Mbps
<input type="checkbox"/>	PoP-TO	Delaware	1.44 Mbps	85.98 Kbps	1.53 Mbps
<input type="checkbox"/>	PoP-TO	Florida	1.13 Mbps	193.15 Kbps	1.33 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.06 Mbps	87.02 Kbps	1.15 Mbps
<input type="checkbox"/>	PoP-TO	Rio de Janeiro	510.07 Kbps	463.28 Kbps	973.35 Kbps
<input type="checkbox"/>	PoP-TO	Quebec	787.76 Kbps	68.80 Kbps	856.56 Kbps
<input type="checkbox"/>	PoP-TO	District of Columbia	638.33 Kbps	26.04 Kbps	664.37 Kbps

Distribuição do tráfego do PoP-TO por aplicação (análise em camada 3 e 4)

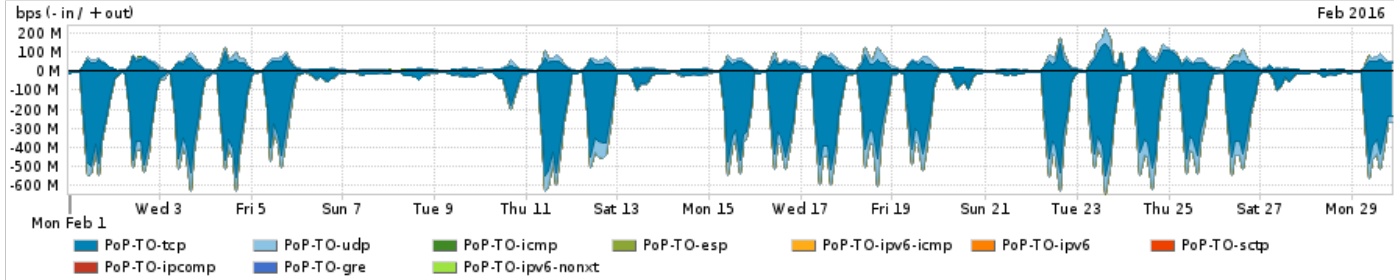


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	ssl	88.89 Mbps	15.28 Mbps	104.17 Mbps
<input type="checkbox"/>	PoP-TO	http	51.15 Mbps	6.30 Mbps	57.46 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	other UDP	22.82 Mbps	9.95 Mbps	32.77 Mbps
<input type="checkbox"/>	PoP-TO	other TCP	4.14 Mbps	3.00 Mbps	7.14 Mbps
<input type="checkbox"/>	PoP-TO	macromedia-fcs	317.14 Kbps	9.45 Kbps	326.59 Kbps
<input type="checkbox"/>	PoP-TO	dns	162.70 Kbps	84.55 Kbps	247.24 Kbps
<input type="checkbox"/>	PoP-TO	bittorrent	77.27 Kbps	121.18 Kbps	198.46 Kbps
<input type="checkbox"/>	PoP-TO	sip	71.34 Kbps	117.06 Kbps	188.40 Kbps
<input type="checkbox"/>	PoP-TO	ssh	30.78 Kbps	81.58 Kbps	112.36 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	30.39 Kbps	17.05 Kbps	47.44 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	tcp	144.69 Mbps	24.88 Mbps	169.57 Mbps
<input type="checkbox"/>	PoP-TO	udp	23.05 Mbps	10.19 Mbps	33.24 Mbps
<input type="checkbox"/>	PoP-TO	icmp	29.45 Kbps	73.81 Kbps	103.25 Kbps
<input type="checkbox"/>	PoP-TO	esp	12.05 Kbps	11.24 Kbps	23.29 Kbps
<input type="checkbox"/>	PoP-TO	ipv6-icmp	0.00 bps	37.00 bps	37.00 bps
<input type="checkbox"/>	PoP-TO	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	gre	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	ipcomp	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	sctp	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	0.00 bps	0.00 bps	0.00 bps

For assistance with this product, please contact support@arbornetworks.com.